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Qy 607 CCTTTCAATCCAGGTAAGTTAATGCACACACCTTTGTCGGCAATTAACACCTGCTAATGTT 666
Db 793 TCGGGCGATCCACATCATATTACAGCACCTGCGCCCTGAAGTGAAGTGGCTCACCAGCT 852
Qy 667 GCTTAAGCTACTTTAGGTAAATGATGTACAATAACCGCATAATGTAACTGTCATGCCCT 726
Db 853 ATCAAGCTGCTTTAGATGATGCTGGAATCAAGCTCAAGATGTACAGTATTTTAAATGCA 912
Qy 727 GATGGTACTATAAGTCTGCTGAGTAAATAATTTGGTAGCACAAACACACTGAATGTACT 786
Db 913 CATGGCCAAAGTACACTGTGTGAGATTTATATGAGGTTCAAGCGATTAAAAATACATTC 972
Qy 787 AATGTGCTCCTCACTTTTACAAATAATAATGCTCCCTAAATTTCAATCCAGGTAAT 840
Db 973 GGTGATGCTCGAAGTCATTAAAGTAAGTTCAACTAAATCAATGACTGGACAT 1026

RESULT 2
US-09-451-117-1
; Sequence 1, Application US/09451117
; Patent No. 6277973
; GENERAL INFORMATION:
; APPLICANT: Jenkins, Mark C.
; APPLICANT: Fayer, Ronald
; APPLICANT: Trout, James
; TITLE OF INVENTION: Cloning and Expression of a DNA Sequence Encoding A 41
; Patent No. 6277973
; TITLE OF INVENTION: kDa Cryptosporidium parvum Oocyst Wall Protein
; FILE REFERENCE: 0046.99
; CURRENT APPLICATION NUMBER: US/09/451,117
; CURRENT FILING DATE: 1999-11-30
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 1
; LENGTH: 740
; TYPE: DNA
; ORGANISM: Cryptosporidium parvum
US-09-451-117-1

Query Match 3.5%; Score 49.4; DB 4; Length 740;
Best Local Similarity 46.2%; Pred. No. 0.0056;
Matches 164; Conservative 0; Mismatches 191; Indels 0; Gaps 0;

Qy 621 TAAAGTAATGACACACTTGTCCGGCAATTAACCTGCTAATGTTGCTTAAAGCTACTTT 680
Db 369 TACTACTCAATCAATGGAAGTTACTGATCACTAATAATTGGTAATAGTGGTATTATTAC 428
Qy 681 AGGTAATGATCTACATAACCGCATATATGTAAGTTGCATGCCCTGATGGTACTATAAG 740
Db 429 ATCTAGTGGTGATTCTATAGCTGTACTAATAATCTTAAATGGTAATAATAGTATAG 488
Qy 741 TGCTGCTGGAGTAATAATTTGGGTAGCACAAAACACTGAATGTAATTTGCTCCTAA 800
Db 489 TAATATTGGATCAGAAATTTATACCAGTTGGTACTTGTCTTCTACTAGTATTGGTAA 548
Qy 801 CTTTTCACAAATAATGCTCCTCAATTTCAATCCAGGTAATAAGTACATGCCCTACTGCCCC 860
Db 549 TAGTAATGGTGTGCTTTTACTGCTATTTCATCTCTAATAAACAATAACAAATAATATA 608
Qy 861 AGCAATAAAGATTATGGTGTGAGCCACTGCAGGTTGGCGCTACTTTAGCCAAATA 920
Db 609 TAATAATAATAATAATAATAGTAAATACCACTCTTACTACTGTGCTACTAATGCTAATAT 668
Qy 921 ATGTAATATTGCTGCCCTGATGGTACTGCAATTTGCTAGTGGAGCAACTAATTAT 975
Db 669 TACTACTAATACTACTACTACTACTACTACTACTACTACTACTAATAATAATAATAATA 723

RESULT 3
US-08-169-927-1
; Sequence 1, Application US/08169927
; Patent No. 5783441
; GENERAL INFORMATION:
; APPLICANT: Carl, Mitchell
; APPLICANT: Dobson, Michael E.
; APPLICANT: Ching, Wei Mei
; APPLICANT: Dasch, Gregory A
; TITLE OF INVENTION: Gene and Protein Applicable to the
; TITLE OF INVENTION: Preparation of Vaccines for Rickettsia prowazekii and
; TITLE OF INVENTION: Rickettsia typhi and the Detection of Both
; NUMBER OF SEQUENCES: 2
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Counsel, Naval Medical R & D Command
; STREET: Bldg. 1, T-12, 8901 Wisconsin Ave.
; CITY: Bethesda
; STATE: MD
; COUNTRY: USA
; ZIP: 20889-5606
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/169,927
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/742,128
; FILING DATE: 08/09/91
; ATTORNEY/AGENT INFORMATION:
; NAME: Spevack, A. David
; REGISTRATION NUMBER: 24,743
; REFERENCE/DOCKET NUMBER: 75,976
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (301) 295-6759
; TELEFAX: (301) 295-1022
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 5319 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: circular
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE: internal
; ORIGINAL SOURCE:
; ORGANISM: Rickettsia prowazekii
; STRAIN: Breinl
; FEATURE:
; NAME/KEY: -35_signal
; LOCATION: 340..345
; FEATURE:
; NAME/KEY: -10_signal
; LOCATION: 363..368
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 391..5226
; FEATURE:
; NAME/KEY: RBS
; LOCATION: 379..386
; FEATURE:
; NAME/KEY: stem_loop
; LOCATION: 5270..5306
; PUBLICATION INFORMATION:
; AUTHORS: Carl, M.
; AUTHORS: Dobson, M. E.
; AUTHORS: Ching, W. M.
; AUTHORS: Dasch, G. A.
; TITLE: Characterization of the gene encoding the
; TITLE: protective S-layer protein of Rickettsia
; TITLE: prowazekii; presence of a truncated identical
; TITLE: homolog in rickettsia typhi
; JOURNAL: Proc. Natl. Acad. Sci. U.S.A.
; DATE: 1990
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RELEVANT RESIDUES IN SEQ ID NO: 1: FROM 1 TO 5319

Query Match 3.5%; Score 49.2; DB 1; Length 5319;  
Best Local Similarity 41.5%; Pred. No. 0.012;  
Matches 321; Conservative 0; Mismatches 453; Indels 0; Gaps 0;

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QY 247 GCTACTGCTAATTTAGTCACATAATGTAAGTTAAATGCGCTGCTGCTACCGCAATTGCA 306
DB 2224 GCTAATACGAGTTAGTTATAGAAATAATGGTTTCAGTCAACACTTAATCACATACTTAC 2283
QY 307 GGTGAGCAACAGATTATGACGAAATACAGAAATGTTTAAATGTTAGAAATAATTTT 366
DB 2284 TTATAACAAAAATATCAATGCTGCAACCAAGGTCACAAATAATCGTTGCGGTATCCT 2343
QY 367 TATAATGAAATGCTCCAAATTTTATGACAGGTGCTAGTACATGCACAGCTTCTCCGGTA 426
DB 2344 CTTAATACTAATACTACTCTGCTGATGGTGACAAATTTAGGTAGTGCAAGAAATCCACTT 2403
QY 427 AACAGATTGGTGGTGCATTTGACTGCTGTPAATGCCGCTACCATAGTCGCATAATGTAAC 486
DB 2404 TCTACTATTCTATTTGCCACATAAGCTGCTAATGCTGACTCTATATTAATGTAAGTAAA 2463
QY 487 GTCGCATGCTCTACTGCTACTGCATTTGATGAGGAGTAAGTACTGATGTTAGTATCA 546
DB 2464 GGAGTAATTTATATGCTAATAATATTACTACTAAGCATGCTAATGTTAGTCTTTTACAC 2523
QY 547 TTCACAGAAATGCTTAAATGTAGACTTAATCTTTTACTATAATGTAATGTAATGTAATCT 606
DB 2524 TTTAGGCTGCTGACAGATATGTAAGTGGTACAGTTGGTGAGCAAGGTCATAAG 2583
QY 607 CCTTCAATCCAGGTAAGTAAATGCACACCTTTGTCGCGCAATTAACCTGCTAATGTT 666
DB 2584 CTTAATAATTTAATATTAGATAATGGTACTACTGTTAAGTTTTAGGTGATACACATTT 2643
QY 667 GCTTAAGTACTTTAGGTATGATGTACAAATTAACCGCATATGTAACGTTGCGATGCCCT 726
DB 2644 AATGGTGGTACTAAATTTGAAGGTAAATCCATCTTGCACAAATTAGCAATTAATTAATACT 2703
QY 727 GATGGTACTATAAGTCTGCTGAGTAAATAATTTGGGTAGCACAAACACTGAATGCTACT 786
DB 2704 GATCATGTTGAATCTGCTGATATACTGCTACATTAAGATTTGTTAACTACTGATCCTATA 2763
QY 787 AATGTCCTCCTAACTTTTACAAATAATGCTCCTAAATTTCAATCCAGGTAATAGTACA 846
DB 2764 ACCGTAAACATTAATAAACAAAGGTGCTTATTTTGGTGTGTTTAAACAAAGTAATTTTCT 2823
QY 847 TGCTTACCTTGCCAGCAATAAAGATTTATGCTGCTGAGCCACTGCAGGTGGTGGCGCT 906
DB 2824 GGTCCAGGTAACATAGTATTTAATGATAGATAGGTAATGTAAGGAATTTGATAGGTATAGCA 2883
QY 907 ACTTTAGCCAAATAATGTAATATGCTATGCCCTGATGGTACGCAATTTGCTAGTGGAGCA 966
DB 2884 GCTAATTCATTTCTTTGAAAATGCAAGTTTATGAGTACATCTTTTATCTTACTAGTGGT 2943
QY 967 ACTAATTTATGTAATTAACAGAAATGCTAAATTTGCTGCTGCTAACTTTTAT 1020
DB 2944 ACTCCATTAGATGTTTAAACAATTAAGATACCGTAGGTAATGGTACAGTAGAT 2997
```

RESULT 4

US-08-728-323A-1/c

Sequence 1, Application US/08728323A

Patent No. 5948676

GENERAL INFORMATION:

APPLICANT: Chang, Yuan

APPLICANT: Bohenzky, Roy A.

APPLICANT: Russo, James J.

APPLICANT: Edelman, Isidore S.

APPLICANT: Moore, Patrick S.

TITLE OF INVENTION: Immediate Early Protein From Kaposi's

TITLE OF INVENTION: Sarcoma-Associated Herpesvirus, DNA

TITLE OF INVENTION: Encoding Same And Uses Thereof

```
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESS: Cooper & Dunham LLP
STREET: 1185 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/728,323A
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: White, John P.
REGISTRATION NUMBER: 28,678
REFERENCE/DOCKET NUMBER: 0575/52268/JPW/MSC/SKS
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-278-0400
TELEFAX: 212-391-0525
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 3489 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
FEATURE:
NAME/KEY: CDS
LOCATION: 1..3489
US-08-728-323A-1
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Query Match 3.2%; Score 45.8; DB 2; Length 3489;  
Best Local Similarity 44.0%; Pred. No. 0.066;  
Matches 194; Conservative 0; Mismatches 247; Indels 0; Gaps 0;

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QY 592 AATAATGTAATATCTCTTTTCAATCCAGGTAAAGTAAATGCACACCTTGTCCGGCAATT 651
DB 2473 ACTCTGCTGCTGCTCTCTAACTCCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 2414
QY 652 AAACCTGCTAATGTTGCTTAAGCTACTTTAGGTAATGATGCTACATAACCGCATATGT 711
DB 2413 CTAACTCTGCTGCTGCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 2354
QY 712 AACGTTGCATGCCCTGATGGTACTATAAGTCTGCTGAGTAAATAATTTGGGTAGCACAA 771
DB 2353 CCTCTAACTCTGCTGCTGCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 2294
QY 772 AACACTGAATGCTAATTTGCTGCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 831
DB 2293 GCTCTCTCTGCTGCTGCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 2234
QY 832 CCAGTAAATAGTACATGCTACCTTTGCCAGCAATAAAGATTTATGCTGCTGCTGCTGCTGCT 891
DB 2233 CCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 2174
QY 892 GCAGGTGGTGGCGCTACTTTTAGCCAAATAATGTAATATGCTGCTGCTGCTGCTGCTGCT 951
DB 2173 GCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 2114
QY 952 ATTGCTAGTGGAGCACTAATATTATGTAATATTATTAACAGAAATGCTTAAATTTGCTGCT 1011
DB 2113 CATCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 2054
QY 1012 AACCTTTTATTTTATGATGTAAT 1032
DB 2053 GCTCATCTGCTGCTGCTGCTCAT 2033
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RESULT 5  
US-09-298-568-1/c  
; Sequence 1, Application US/09298568  
; Patent No. 6322792  
; GENERAL INFORMATION:  
; APPLICANT: Kieff, Elliott D.  
; APPLICANT: Ballester, Mary E.  
; APPLICANT: Kaye, Kenneth M.  
; TITLE OF INVENTION: RHADINO VIRUS LANA ACTS IN TRANS ON A UNIT OF RHADINO  
; FILE OF INVENTION: VIRUS DNA TO MEDIATE EFFICIENT EPISOME PERSISTENCE  
; FILE REFERENCE: 16412-10001R  
; CURRENT APPLICATION NUMBER: US/09/298,568  
; CURRENT FILING DATE: 1999-04-21  
; EARLIER APPLICATION NUMBER: US 60/109,422  
; EARLIER FILING DATE: 1998-11-19  
; NUMBER OF SEQ ID NOS: 3  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 1  
; LENGTH: 3489  
; TYPE: DNA  
; ORGANISM: Kaposi's sarcoma-associated herpesvirus  
US-09-298-568-1  
Query Match 3.2%; Score 45.8; DB 4; Length 3489;  
Best Local Similarity 44.0%; Pred. No. 0.066;  
Matches 194; Conservative 0; Mismatches 247; Indels 0; Gaps 0;  
Qy 592 AATAAGGTAACTACTCTTTCAATCCAGGTAAAGTTAATGCACACCTTGTCCGGCAAT 651  
Db 2473 ACTCTGCTCTGCTCTCACTAACTCTGCTGCTCTCTCTCTCTCTCTCTCTCTCTCT 2414  
Qy 652 AAACCTCTAATGTTGCTTAAGTACTTTAGGTAATGATGCTACAATAACCGCATAATGT 711  
Db 2413 CTAACCTCTGCTCTGCT 2354  
Qy 712 AACCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 771  
Db 2353 CCTCTAATCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 2294  
Qy 772 AACACTGAATGCTACTAATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 831  
Db 2293 GCTCCTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 2234  
Qy 832 CCAGGTAATAGTACATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 891  
Db 2233 CTTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 2174  
Qy 892 GCAGGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 951  
Db 2173 GCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 2114  
Qy 952 ATTCCTAGTGAGCACTAATATGTAATATATATAACAGCAATGCTCTAAATTTGCTGCT 1011  
Db 2113 CATCCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 2054  
Qy 1012 AACCTTTATTTGATGTAAT 1032  
Db 2053 GCTCATCTGCTGCTGCTGCT 2033  
RESULT 6  
US-09-134-001C-2243  
; Sequence 2243, Application US/09134001C  
; Patent No. 6380370  
; GENERAL INFORMATION:  
; APPLICANT: Lynn Doucette-Stamm et al  
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO STAPHYLOCOCCUS  
; FILE OF INVENTION: EPIDERMIDIS FOR DIAGNOSTICS AND THERAPEUTICS  
; FILE REFERENCE: GTC-007  
; CURRENT APPLICATION NUMBER: US/09/134,001C  
; CURRENT FILING DATE: 1998-08-13  
; PRIOR APPLICATION NUMBER: US 60/064,964  
; PRIOR FILING DATE: 1997-11-08

; PRIOR APPLICATION NUMBER: US 60/055,779  
; PRIOR FILING DATE: 1997-08-14  
; NUMBER OF SEQ ID NOS: 5674  
; SEQ ID NO 2243  
; LENGTH: 11091  
; TYPE: DNA  
; ORGANISM: Staphylococcus epidermidis  
US-09-134-001C-2243  
Query Match 3.2%; Score 45.8; DB 4; Length 11091;  
Best Local Similarity 46.9%; Pred. No. 0.096;  
Matches 143; Conservative 0; Mismatches 162; Indels 0; Gaps 0;  
Qy 726 TGATGGTACTATAAGTCTGCTGGGTAATAATTTGGGTAGCACAAAACACTGAATGTAC 785  
Db 3906 TGATGGTATTGTGAGTGTAGTACAAAGCATAAATGCAATTACACCTGATACATCAAT 3965  
Qy 786 TAATGTGCTCTCTAACTTTTACATAATAATGCTCCCTTAATTTCAATCCAGTATAGTAC 845  
Db 3966 TAAAAGAAATGCTAAAATGATATTGATATTAAAGCAGCTGATAAGAAAATAAAATTTCA 4025  
Qy 846 ATGCTTACCTTGGCCAGCAAAATAAGATTATGGTCTGAAGCCACTGCAGGTGGTGGCG 905  
Db 4026 AAGAATAATGATGCTACAGATGAAGAATTCAGAAGCGAATCGTAAATTTGAAGAAGC 4085  
Qy 906 TACTTTAGCCAAATAATGTAATATTGTCATGCGCTGATGCTGCTGCTGCTGCTGCTGCT 965  
Db 4086 TAAGATTGAAGCAAAAGATAATATTCAACGCAATAGTAGTACTAGAGATCAAGTAAATGAAGC 4145  
Qy 966 ACTAATATTGTAATATTATTAACAGAAATGCTAAATTTGCTGCTGCTGCTGCTGCTGCT 1025  
Db 4146 GAAACTAATGGAATAAATAAATAAGAAAATAATACACCACTACTGTGAAATCTGA 4205  
Qy 1026 TGGTA 1030  
Db 4206 AGCTA 4210  
RESULT 7  
US-08-770-379-20  
; Sequence 20, Application US/08770379  
; Patent No. 5849564  
; GENERAL INFORMATION:  
; APPLICANT: Chang, Yuan  
; APPLICANT: Bohenzky, Roy A.  
; APPLICANT: Russo, James J.  
; APPLICANT: Edelman, Isidore S.  
; APPLICANT: Moore, Patrick S.  
; TITLE OF INVENTION: POLYPEPTIDES FROM KAPOSI'S SARCOMA-ASSOCIATED  
; TITLE OF INVENTION: HERPESVIRUS, DNA ENCODING SAME AND USES THEREOF  
; NUMBER OF SEQUENCES: 20  
; CORRESPONDENCE ADDRESS:  
; ADDRESS: Cooper & Dunham LLP  
; CITY: New York  
; STATE: New York  
; COUNTRY: U.S.A.  
; ZIP: 10036  
; COMPUTER READABLE FORM:  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/770,379  
; FILING DATE:  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: White, John P.  
; REGISTRATION NUMBER: 28,678  
; REFERENCE/DOCKET NUMBER: 52342  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (212) 278-0400

```

; TELEFAX: (212) 391-0525
; INFORMATION FOR SEQ ID NO: 20:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 32207 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-770-379-20

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[illegible]

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RESULT 8
US-08-757-669A-20
; Sequence 20, Application US/08757669A
; Patent No. 6183751
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; GENERAL INFORMATION:
; APPLICANT: Chang, Yuan
; APPLICANT: Bohenzky, Roy A.
; APPLICANT: Russo, James J.
; APPLICANT: Edelman, Isidore S.
; APPLICANT: Moore, Patrick S.
;
; TITLE OF INVENTION: UNIQUE ASSOCIATION OF
; SEQUENCES AND
; NUMBER OF SEQUENCES: 20
; CORRESPONDENCE ADDRESS:
; ADDRESS: Cooper & Dunham LLP
; STREET: 1185 Avenue of the Amer
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10036
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0
; CURRENT APPLICATION DATA:
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;	APPLICATION NUMBER:	US/08/757,669A	
;	FILING DATE:		
;	CLASSIFICATION:	424	
;	ATTORNEY/AGENT INFORMATION:		
;	NAME:	White, John P.	
;	REGISTRATION NUMBER:	28,678	
;	REFERENCE/DOCKET NUMBER:	45185-F	
;	TELECOMMUNICATION INFORMATION:		
;	TELEPHONE:	(212) 278-0400	
;	TELEFAX:	(212) 391-0525	
;	INFORMATION FOR SEO ID NO:	20:	
;	SEQUENCE CHARACTERISTICS:		
;	LENGTH:	32207 base pairs	
;	TYPE:	nucleic acid	
;	STRANDEDNESS:	double	
;	TOPOLOGY:	linear	
;	MOLECULE TYPE:	DNA (genomic)	
;	US-08-757-669A-20		
	Query Match	3.2%	Score 45
	Best Local Similarity	44.0%	Pred. No
	Matches	194;	Conservative 0; Mismatch
Qy	592	ATAATGGTAATACTCCTTTCAATCCAGGTAATA	
Db	19524	ACTCCTGCTCCTGCTCCTCTAACTCCTGCTGCC	
Qy	652	AAACCTGCTAATGTGCTTTAAGCTACTTTTAGT	
Db	19584	CTAACTCCTGCTCCTGCTCCTCTAACTCCTGCC	
Qy	712	AACGTTGCATGCCCTGATGTGCTACTATAAGTGC	
Db	19644	CCTCTAACTCCTGCTCCTGCTGATCCTCTAACTCC	
Qy	772	AACACTGAATGTACTAATTTGTGCTCCTCAACTTT	
Db	19704	GCTCCTCCTGCTGCTCCTGCTCCTCCTCCTGCTGCC	
Qy	832	CCAGGTAAATAGTACATGCCCTACCTTGGCCAGCAG	
Db	19764	CCTGCTGCTGCTGCTATCCTGCTGTGCTGCTGCC	
Qy	892	GCAGGTGGTCCGCTACTCTTTAGCCAAATAATGT	
Db	19824	GCTGCTGCTCATCTGCTGCTGCTGCTCATCCTGCC	
Qy	952	ATTGCTAGTGGAGCAACTAATATGTGAATAATTT	
Db	19884	CATCCTGCTGCTCCTGCTCATCCTGCTGCTGCC	
Qy	1012	AACPTTTTATTTTGATGGTAAT	1032
Db	19944	GCTCATCCTGCTGCTGCTCAT	19964

RESULT 9  
US-09-23  
; Sequen  
; Patent  
; GENERA  
; APPLI  
; APPLI  
; APPLI  
; APPLI  
; APPLI  
; TITLE  
; TITLE  
; FILE  
; CURRE  
; CURRE  
; PRIOR  
; PRIOR

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; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 20
; LENGTH: 32207
; TYPE: DNA
; ORGANISM: Kaposi's sarcoma-associated herpesvirus
US-09-230-371A-20

Query Match          3.2%; Score 45.8; DB 4; Length 32207;
Best Local Similarity 44.0%; Pred. No. 0.14;
Matches 194; Conservative 0; Mismatches 247; Indels 0; Gaps 0;

QY 592 AATAATGGTAATACCTTCCTTAATCAAGTAAAGTAAATGACACACCTTGGCGGCAATT 651
Db 19524 ACTCCTGCTCCTGCTCCTTAACCTAAGTCTGCTGCTCCTAATCCTGCTCCTGCTCCT 19583

QY 652 AAACCTGCTAATGTTGCTTAAGCTACTTATAGTAATGATGCTACATAACCGCATAAATGT 711
Db 19584 CTAACCTCCTGCTCCTGCTCCTTAACCTAAGTCTGCTGCTCCTAATCCTGCTCCTGCT 19643

QY 712 AACGTTGCATGCCCTGATGCTACTATAAGTCTGCTGGAGTAAATAATTTGGGTAGCAAA 771
Db 19644 CCTTAACCTCCTGCTCCTGCTCCTTAACCTAAGTCTGCTGCTCCTTAACCTCCTGCTCCT 19703

QY 772 AACACTGAATGACTAATTTGCTCCTTAACCTTTTACAATAATAATGCTCCTAATTTCAAT 831
Db 19704 GCTCCTCCTGCTCCTGCTCCTGCTCCTGCTCCTGCTCCTGCTCCTGCTCCTGCTCCT 19763

QY 832 CCAGGTAATAGTACATGCTCCTACTTGGCCAGCAATAAAGATTATGGTGTGAAGCCACT 891
Db 19764 CTTGCTGCTGCTGCTCCTGCTCCTGCTGCTCCTGCTCCTGCTCCTGCTCCTGCTCCT 19823

QY 892 GCAGGTGGTGGCGCTACTTTAGCCAAATAATGTAATTTGCTATGCTGCTGCTGCTGCTGCT 951
Db 19824 GCTGCTGCTCATCCTGCTGCTGCTCATCCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 19883

QY 952 ATTGCTAGTGGAGCACTAATTAATGTAATAATTAATAACAGAAATGCTAATTTGCTGCT 1011
Db 19884 CATCCTGCTGCTCCTGCTCATCCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 19943

QY 1012 AACTTTTATTTTCATGGTAAT 1032
Db 19944 GCTCATCCTGCTGCTGCTCAT 19964

RESULT 10
US-08-975-762-39
; Sequence 39, Application US/08975762
; Patent No. 6207169
; GENERAL INFORMATION:
; APPLICANT: Reed, Steven G.
; APPLICANT: Lodes, Michael J.
; APPLICANT: Houghton, Raymond
; TITLE OF INVENTION: COMPOUNDS AND METHODS FOR THE DIAGNOSIS AND
; NUMBER OF SEQUENCES: 73
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: SEED AND BERRY LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: USA
; ZIP: 98104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/975,762
; FILING DATE: 21-MAR-1997
; CLASSIFICATION: 424
; ATTORNEY/AGENT INFORMATION:
; NAME: Maki, David J.
```

```
; REGISTRATION NUMBER: 31,392
; REFERENCE/DOCKET NUMBER: 210121.439
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 206-622-4900
; TELEFAX: 206-682-6031
; INFORMATION FOR SEQ ID NO: 39:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 2129 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-975-762-39

Query Match          3.1%; Score 43.4; DB 4; Length 2129;
Best Local Similarity 44.3%; Pred. No. 0.21;
Matches 277; Conservative 0; Mismatches 336; Indels 12; Gaps 2;

QY 287 CTGCTGGTACCGCAATTGCGAGGTGGAGCACAGATTATGAGCAATAATACACAGAAATGTG 346
Db 619 CTTCTTGTGTCATACCAACGATCAGCTTCTACAGATACCTTCAGACTTCAGATCACCTTCAG 678

QY 347 TTAATTGTAGAAATTAATTTTATAATGAAATGCTCCAAATTTTAAATGCAGGTGCTAGTA 406
Db 679 TAACACCAAGAACTGTAGATCAGGTGTGCTGGTGCAGAACTTCAGGAGCTGATCTTA 738

QY 407 CATGCACAGCTTGTCCGGTAAACAGAGTTGGTGGTGCATTCGACTGCTGGTAATGCGCCTA 466
Db 739 GTTGTTCGGCTTCGGAGCAACTACCACTTCTTGAAGCTTATTTCTTCTAGTGATGGTA 798

QY 467 CCATAGTCGCAATAATGTAACGTGCGCATGCTCTACTGTGCTACTGCACCTTGATGAGGATA 526
Db 799 CAATCGCTTCTGCGAGCTTCAACACCGAGTAATTCGCTTCAGCTACTACAGGTACTTGTG 858

QY 527 CTACTGATTAATGTAGATCATTCACAGAATGT---GTAAATGTAGACTTAACTTTTACT 583
Db 859 CTACAGGTGCTCAAGAATCTATCAAGATATCTTCCTTTAGAAGAACTTCTGTTTCTTCT 918

QY 584 ATAATGGTAATAATGGTAATCTCCTTTCAATCAGGTAAGAAAGTTAATGCACACCTTTGTC 643
Db 919 TTACTTCTACAGGAGCTTCAGTTCCTCTAGTGTCTTCTGCAATTTCTTGTCTTGTGAC 978

QY 644 CGGCAATTAACCTGCTTAATGTTGCTTAAGCTACTTTAGTGAATGATGCTACATAACCG 703
Db 979 CAGAGATTACTTCTTTTGGCTACATCAGCATTAGCTTCTACAGATACTTCAGACTTTTA 1038

QY 704 CATAATGTAACTTGCATGCCCTGATGCTACTATAAGTGTGCTGGAGTAATAAATTTGGG 763
Db 1039 GATCACCTTCAGCAACACCAGAACTGTAGACTCAGGTGTGCTGGCGAGAACTTCAG 1098

QY 764 TAGCACAACACACTGAATGTAATTAATTTGCTGCTTAACCTTTTACAATAAATAAGTCTCCTA 823
Db 1099 GAG-----CTGATTCAGTTGTTGCGCTTCTGGAGCAACTTACCACCTTCTTGAAGCT 1149

QY 824 ATTTCAATCCAGGTAATAGTACATGCCTTCTGCCAGCAATAAAGATTATGGTGTGCTG 883
Db 1150 TATTTCTTCTAGTGATGGTACAATCGCTTCTGCAGCTTCAACACAGGTAATTTCTGCTT 1209

QY 884 AAGCACTGCAGGTGGTGGCGCTAC 908
Db 1210 CAGCTACTACAGGTACTTGGCGCTAC 1234

RESULT 11
US-09-295-028-39
; Sequence 39, Application US/09295028
; Patent No. 6277381
; GENERAL INFORMATION:
; APPLICANT: Reed, Steven G.
; APPLICANT: Lodes, Michael J.
; APPLICANT: Houghton, Raymond L.
; APPLICANT: McNeill, Patricia D.
; TITLE OF INVENTION: COMPOUNDS AND METHODS FOR THE DIAGNOSIS
```

; TITLE OF INVENTION: AND TREATMENT OF EHRlichia INFECTION  
; FILE REFERENCE: 210121.439C4  
; CURRENT APPLICATION NUMBER: US/09/295,028  
; CURRENT FILING DATE: 1999-04-20  
; NUMBER OF SEQ ID NOS: 85  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 39  
; LENGTH: 2129  
; TYPE: DNA  
; ORGANISM: Ehrlichia sp.  
US-09-295-028-39

Query Match 3.1%; Score 43.4; DB 4; Length 2129;  
Best Local Similarity 44.3%; Pred. No. 0.21;  
Matches 277; Conservative 0; Mismatches 336; Indels 12; Gaps 2;

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QY 287 CTGCTGTACCGCAATTCGAGGTGGAGCAACAGATTATGCAAGTAATATCAGAGATGTG 346
Db 619 CTTCTTGCTGCATACCGAGCATCAGCTTCTACAGATATCTTCAGACTTCAGATCACCTTCAG 678
QY 347 TTAATTGTAGAAATTAATTTTATAATGAAATGCTCCAAATTTAATGCAAGTGTCTAGTA 406
Db 679 TAACACCAAGAAGTGTAGACTCAGGTGTGCTGGTGCAGAACTTCAGAGCTGATTTCTA 738
QY 407 CATGCACAGCTTGTCGGTAAACAGAGTTGGTGGTCATTTGACTGCTGTAATGCGGCTA 466
Db 739 GTTGTTCGCGCTTCGAGCACTATCAAAAGTATCTTCCTTTAGAGAACTTCGTGTTCTT 798
QY 467 CCATAGTCGCAATATGTAAGTCGCAATGCTCCTACTGCTACTGCACTTGATGATGAGTAA 526
Db 799 CAATCGCTTCTGCAGCTTCAACACAGGTAATTTCTGCTTCAAGCTTAATTTCTGCTT 978
QY 644 CGGCAATTAACCTGCTAATGTTGCTTAAGCTACTTTAGGTAGTATGATGATGAGTAA 703
Db 979 CAGAGATTACTCTTTTTCGCGTACATCAGCATTAAGCTTCTACAGATTAATTCAGACTTTA 1038
QY 704 CATAATGTAACCTGCTAATGTTGCTTAAGCTACTTTAGGTAGTATGATGATGAGTAA 763
Db 1039 GATCAGCTTTCGATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 1098
QY 764 TAGCACAACACTGAATGTAATGTTGCTTAAGCTACTTTAGGTAGTATGATGATGAGTAA 823
Db 1099 GAG-----CTGATTTCTAGTTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1149
QY 824 ATTTCAATCCAGGTAAATAGTACATGCTTACCTTGGCCAGCAATAAAGATTATGCTGCTG 883
Db 1150 TATTTCTTCTAGTATGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 1209
QY 884 AAGCCACTGCAAGGTGCTGCTGCTAC 908
Db 1210 CAGCTACTACAGGTACTTGGCGCTAC 1234
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## RESULT 12

US-09-106-582-39  
; Sequence 39, Application US/09106582  
; Patent No. 6306402  
; GENERAL INFORMATION:  
; APPLICANT: Reed, Steven G.  
; APPLICANT: Lodes, Michael J.  
; APPLICANT: Houghton, Raymond  
; TITLE OF INVENTION: COMPOUNDS AND METHODS FOR THE DIAGNOSIS AND  
; NUMBER OF SEQUENCES: 73  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: SEED and BERRY LLP

## THERAPY

; STREET: 6300 Columbia Center, 701 Fifth Avenue  
; CITY: Seattle  
; STATE: Washington  
; COUNTRY: USA  
; ZIP: 98104  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/106,582  
; FILING DATE: 29-JUN-1998  
; CLASSIFICATION:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Maki, David J.  
; REGISTRATION NUMBER: 31,392  
; REFERENCE/DOCKET NUMBER: 210121.439C2  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 206-622-4900  
; TELEFAX: 206-682-6031  
; INFORMATION FOR SEQ ID NO: 39:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 2129 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (genomic)  
US-09-106-582-39

Query Match 3.1%; Score 43.4; DB 4; Length 2129;  
Best Local Similarity 44.3%; Pred. No. 0.21;  
Matches 277; Conservative 0; Mismatches 336; Indels 12; Gaps 2;

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QY 287 CTGCTGTACCGCAATTCGAGGTGGAGCAACAGATTATGCAAGTAATATCAGAGATGTG 346
Db 619 CTTCTTGCTGCATACCGAGCATCAGCTTCTACAGATATCTTCAGACTTCAGATCACCTTCAG 678
QY 347 TTAATTGTAGAAATTAATTTTATAATGAAATGCTCCAAATTTAATGCAAGTGTCTAGTA 406
Db 679 TAACACCAAGAAGTGTAGACTCAGGTGTGCTGGTGCAGAACTTCAGAGCTGATTTCTA 738
QY 407 CATGCACAGCTTGTCGGTAAACAGAGTTGGTGGTCACTTACTGCTGTTAATGCGGCTA 466
Db 739 GTTGTTCGCGCTTCGAGCACTTCAAGCTTCTTGAAGCTTATTTCTCTAGTATGATGGA 798
QY 467 CCATAGTCGCAATATGTAAGTCGCAATGCTCCTACTGCTACTGCACTTTGATGAGTAA 526
Db 799 CAATCGCTTCTGCAGCTTCAACACAGGTAATTTCTGCTTCAAGCTTACTTACAGGTACT 858
QY 527 CTACTGATTTATGTTAGATCAATTCACAGAAATG---GTTAATGTAGACTTTAATTTTACT 583
Db 859 CTACAGGTTGCTCAAGATCTATCAAGATATCTTCCCTTTAGAGAACTTCGTGTTCTTCT 918
QY 584 ATAATGTAATAATGTTAATCTCTTTCAATCCAGTAAAGTTAATGCAACCTTGTG 643
Db 919 TTACTTCTACAGAGGCTTCAAGTCTCTAGTCTTCTGCAATTTCTGCTCTGTTGAC 978
QY 644 CGGCAATTAACCTGCTAATGTTGCTTAAAGCTACTTTAGGTAGTATGATGATGAGTAA 703
Db 979 CAGAGATTACTCTTTTTCGCGTACATCAGCATTAAGCTTCTTACAGATTAATTCAGACTTTA 1038
QY 704 CATAATGTAACGTTGATGCTGCTGATGATGATGATGATGATGATGATGATGATGATGATG 763
Db 1039 GATCAGCTTTCAGCAACACCAAGAACTGTAGATCAGGTTGTGCTGGCGAGAACTTCAG 1098
QY 764 TAGCACAACACTGAATGTAATGTTGCTTAAATGCTTCTTAACTTTTACAATAATAATGCTCCTA 823
Db 1099 GAG-----CTGATTTCTAGTTGTTGCGCTTCTGCGCAACTACCACTTCTTGAAGCT 1149
QY 824 ATTTCAATCCAGGTAAATAGTACATGCTTACCTTGGCCAGCAATAAAGATTATGCTGCTG 883
Db 1150 TATTTCTTCTAGTATGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 1209
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Thu Feb 20 11:10:26 2003

**Qy**      884 AAGCCACTGCAGGTGGTGCGCTAC 908  
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**Dβ**    1210 CAGCTACTACAGGTAATTGCCGTAC 1234

## RESULT 13

US-09-210-168-1  
; Sequence 1, Application US/09210168  
; Patent No. 6355424

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: GENERAL INFORMATION:
: APPLICANT: Lorincz, Attila T.
: TITLE OF INVENTION: ASSESSMENT OF HUMAN PAPILLOMA VIRUS-RELATED DISEASE
: FILE REFERENCE: 26294005US2
: CURRENT APPLICATION NUMBER: US/09/210,168
: CURRENT FILING DATE: 1998-12-11
: PRIOR APPLICATION NUMBER: U.S. 60/082,167
: PRIOR FILING DATE: 1998-04-17
: PRIOR APPLICATION NUMBER: U.S. 60/070,486
: PRIOR FILING DATE: 1998-01-05
: PRIOR APPLICATION NUMBER: U.S. 60/069,426
: PRIOR FILING DATE: 1997-12-12
: NUMBER OF SEQ ID NOS: 5
: SOFTWARE: PatentIn Ver. 2.1
: SEQ ID NO 1
: LENGTH: 1390
: TYPE: DNA
: ORGANISM: Human papillomavirus
: FEATURE:
: OTHER INFORMATION: L2-HPV16
: US-09-210-168-1

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Query Match	Score 42.6;	DB 4;	Length 1390;
3.0%	Score 42.6;	DB 4;	Length 1390;

Query Match	3.68;	Score	1.00;
Best Local Similarity	44.1%;	Pred. No.	0.28;
Matches 226; Conservative	0;	Mismatches	284;
		Indels	3;
		Gaps	1;

QY	633	CACACCTTGTCCGGCAATTAATAACCTCCTAAATGTCCTTAAGCTACTTTAGTGAATGATGC	692
Db	834	CACCTCCCACTAAACTTATTACATATGATGAATCCTGCATATGAAGGTATAGATGTGGATAA	893
QY	693	TACAATAACCGGCATAATGTAAACGTTGCATGCGCCTGATGGTACTATAAGTGTCTGTGGAGT	752
Db	894	TACATTTATATTTTTTCTAGTAATGATAATAAGTATTAAATATAGTCCAGAGTCTGACTTTTT	953
QY	753	AAATTAATTTGGGTAGCACAACAAACACTGAATGCTACTAATTTGTCGCTCTAACTTT--TACA	809
Db	954	GGATATATAGTTGCTTTACATATAGGCGACATTAACCTCTAGGCGTACTGGCATTTAGTTCACG	1013
QY	810	TAATAAATGCTCCTAAATTTCAATCCAGGTAAATAGTACATGCTTACCCTGCCCAGCAATAA	869
Db	1014	TAGAATTTGGTAATAAACAACAACACTACGTACTCGTAGTGGAAATCTATAGTGTCTAAGGT	1073
QY	870	AGATTATGGTGCTGAAGCCACTGCAGGTGGTGCCGCTACTTTTAGCCAAATAATGTAATAT	929
Db	1074	ACATTATATTATGATTTAAGTACTATTGATCCTGCAGAAAGAAATAGAAATTCACAACTAT	1133
QY	930	TGCATGCCCTGATGGTACTGCAATTTGCTAGTGGAGCAACTAATATTGTAATAATTATAAC	989
Db	1134	RACACCTTCTACATATACTACCACCTTCACATGCAGCCTCACCTACTTCTATTAAATAATGG	1193
QY	990	AGAAATGCTAAATTTGGTGCCTGCTTAACCTTTATTTTGTAGTGAATAATTTCTAGGCAGGAAG	1049
Db	1194	ATTATATGATATTTATGCAGATGACTTTTATACAGATAGCTTCTACAACCCCGGTACCATC	1253
QY	1050	TAGTAGATGCAAGACATGTCCAGCAAAATAAGTTTAAGCGGTGTAGCAACTGCAAGGTGG	1109
Db	1254	TGTACCTCTACATCTTTATCAGGTATATTTCTGCAATAACAAATTCCTTTTGGTGG	1313
QY	1110	TACTGCTACTTTAATTCGATAATGTGCCCTTGA	1142
Db	1314	TGCATACAATATTCCTTTAGTATCAGGTCCTGA	1346

## RESULT 14

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1  US-08-700-670A-22
2  ; Sequence 22, Application US/08700670A
3  ; Patent No. 5993821
4  ; GENERAL INFORMATION:
5  ; APPLICANT: FRAZER, Ian
6  ; APPLICANT: ZHOU, Jian
7  ; TITLE OF INVENTION: MODIFIED PAPILLOMA VIRUS L2 PROTEIN AND
8  ; TITLE OF INVENTION: VLPs FORMED THEREFROM
9  ; NUMBER OF SEQUENCES: 59
10 ; CORRESPONDENCE ADDRESS:
11 ; ADDRESSEE: Foley & Lardner
12 ; STREET: 3000 K Street, N.W., Suite 500
13 ; CITY: Washington
14 ; STATE: D.C.
15 ; COUNTRY: USA
16 ; ZIP: 20007-5109
17 ; COMPUTER READABLE FORM:
18 ; MEDIUM TYPE: Floppy disk
19 ; COMPUTER: IBM PC compatible
20 ; OPERATING SYSTEM: PC-DOS/MS-DOS
21 ; SOFTWARE: PatentIn Release #1.0, Version #1.30
22 ; CURRENT APPLICATION DATA:
23 ; APPLICATION NUMBER: US/08/700,670A
24 ; FILING DATE: 30-JUL-1996
25 ; CLASSIFICATION: 424
26 ; PRIOR APPLICATION DATA:
27 ; APPLICATION NUMBER: WO PCT/AU95/00043
28 ; FILING DATE: 31-JAN-1995
29 ; PRIOR APPLICATION DATA:
30 ; APPLICATION NUMBER: AU PM3588
31 ; FILING DATE: 31-JAN-1994
32 ; ATTORNEY/AGENT INFORMATION:
33 ; NAME: SAXE, Bernhard D.
34 ; REGISTRATION NUMBER: 28,665
35 ; REFERENCE/DOCKET NUMBER: 65064/107
36 ; TELECOMMUNICATION INFORMATION:
37 ; TELEPHONE: (202)672-5300
38 ; TELEFAX: (202)672-5399
39 ; TELEX: 904136
40 ; INFORMATION FOR SEQ ID NO: 22:
41 ; SEQUENCE CHARACTERISTICS:
42 ; LENGTH: 1422 base pairs
43 ; TYPE: nucleic acid
44 ; STRANDEDNESS: single
45 ; TOPOLOGY: linear
46 ; FEATURE:
47 ; NAME/KEY: CDS
48 ; LOCATION: 1..1419
49 ;
50 US-08-700-670A-22

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3 0%: score 42.6: DB 2: Length 1422;

Query Match	3.0%;	Score 42.0;	DB 2;	length 1422;
Best Local Similarity	44.1%;	Pred. No. 0.28;		
Matches 226;	Conservative	0;	Mismatches 284;	Indels
				Gaps 1;

Qy	633	CACACCTTGTCCGGCAATTAACCTCTCTAATGTTGCTTAAGCTACTTTTGGTAAATGATGC	699
Db	732	CACGCCACCTAAACTTATACATATATCAATCTGCATATGAAGGTATGATGTGGATAA	791
Qy	693	TACAATAACCGCATATGTAAACCTTGCATGCCCTGATGTACTATTAAGTGCCTGGAGT	752
Db	792	TACATATATATTTTCTAGTAAATGATCAATAGTATTAATATAGTCTCCAGATCCTGACCTTTT	851
Qy	753	AAATAATTGGGTAGCAGCAAAACACTGAATGTACTAATTTGTGCTCTAACTTT---TACAA	809
Db	852	GGATATATAGTTGCTTTTACATAGGCCAGCATTAACCTCTAGCGGTACTTGGCATTAGGTACAG	911
Qy	810	TAATAATGCTCCTAATTTCAATCAAGTAAATGATACATGCCTACCTTCCCGCAGCAATAA	869
Db	912	TAGAATTGGTAAATAACCAACACTAGCTACTCTGCTAGTGGAAAATCTATAGGTGCTAAGGT	971
Qy	870	AGATTATGGTGCTGAAGCCCACTGCAGGTGCTGCGCGTACTTTAGCCCAAAATATGTAATAT	929



Db 972 ACATTATTATGATTTAAGTACTATTGATCCTGCAGAGAAATAGAAATACAAACTAT 1031  
QY 930 TGCATGCCCTGATGGTCAATTGCTAGTGGAGCAACTAAATTATGTAATATATAAAC 989  
Db 1032 AACACCTTCTACATATATACCACTTCCATGCGAGCCTCACCTACTTCTATTATAATGG 1091  
QY 990 AGAATGTCTAAATTTGCTGCTAACTTTTATTTTGTAGTAAATTTCTAGGCGAGGAAG 1049  
Db 1092 ATTATATGATATTATGACGATGACTTTATACAGATACTTCTACAAACCCCGGTACCATC 1151  
QY 1050 TAGTAGATGCAAGCATGTCCAGCAATAAAGTTTAAAGCGCTGTAGCAACTCGAGGTGG 1109  
Db 1152 TGTACCCTCTACATCTTTATCAGGTTATATCTCTGCAATACAACAATTCCTTTTGGTGG 1211  
QY 1110 TACTGCTACTTTAATTGCAATATGTCCTTGA 1142  
Db 1212 TGCATACAATATTCCTTTAGTATCAGGTCTCTGA 1244

RESULT 15  
US-08-316-239B-1  
: Sequence 1, Application US/08316239B  
: Patent No. 5679509  
: GENERAL INFORMATION:  
: APPLICANT: Wheeler, Cosette M.  
: APPLICANT: Parmenter, Cheryl A.  
: TITLE OF INVENTION: Methods and a Diagnostic Aid for  
: TITLE OF INVENTION: Distinguishing a Subset of HPV that is Associated with an  
: TITLE OF INVENTION: Increased Risk of Developing Cervical Dysplasia and  
: TITLE OF INVENTION: Cervical Cancer  
: NUMBER OF SEQUENCES: 4  
: CORRESPONDENCE ADDRESS:  
: ADDRESSEE: Jagtiani & Associates  
: STREET: 6126 Rocky Way Court  
: CITY: Centreville  
: STATE: VA  
: COUNTRY: USA  
: ZIP: 20120-3400  
: COMPUTER READABLE FORM:  
: MEDIUM TYPE: Floppy disk  
: COMPUTER: IBM PC compatible  
: OPERATING SYSTEM: PC-DOS/MS-DOS  
: SOFTWARE: PatentIn Release #1.0, Version #1.30  
: CURRENT APPLICATION DATA:  
: APPLICATION NUMBER: US/08/316,239B  
: FILING DATE: 30-SEP-1994  
: CLASSIFICATION: 435  
: ATTORNEY/AGENT INFORMATION:  
: NAME: Jagtiani, Ajay A.  
: REGISTRATION NUMBER: 35,205  
: REFERENCE/DOCKET NUMBER: UNME-0001  
: TELECOMMUNICATION INFORMATION:  
: TELEPHONE: (703) 817-9453  
: TELEFAX: (703) 803-9387  
: INFORMATION FOR SEQ ID NO: 1:  
: SEQUENCE CHARACTERISTICS:  
: LENGTH: 7904 base pairs  
: TYPE: nucleic acid  
: STRANDEDNESS: double  
: TOPOLOGY: circular  
: MOLECULE TYPE: DNA (genomic)  
: HYPOTHETICAL: NO  
US-08-316-239B-1

Query Match 3.0%; Score 42.6; DB 1; Length 7904;  
Best Local Similarity 44.1%; Pred. No. 0.5;  
Matches 226; Conservative 0; Mismatches 284; Indels 3; Gaps 1;  
QY 633 CACACCTTGCCGCCAATTAACCTGCTAATGTTGGCTTAAGCTACTTTAGGTAAATGATGC 692  
Db 4966 CACTCCCACCTAAACTTATACATATGATGATAATCTCTGCATATCAAGGTATAGATGTGGATAA 5025  
QY 693 TACAATAACCCGCAATGAATGCTTGGCATGCCCTGATGGTACTATATAAGTCTGCTGGAGT 752

Db 5026 TACATTATATTTTCTAGTAATGATATATAGTATTAATATAGTCCAGATCCTGACTTTTT 5085  
QY 753 AAATAAATGGGTAGACACAAACACTGAATGTACTAATTTGCTGCTCTAACTTT---TACAA 809  
Db 5086 GGATATAGTTGCTTTTACATAGGCCAGCAATTAACCTCTAGGCGTACTGGCATTTAGGTACAG 5145  
QY 810 TAATAATGCTCCTTAATTTCAATCCAGGTAAATAGTACATGCCCTACCTTGGCCCGCAATAA 869  
Db 5146 TAGAATTTGGTAAATAAACAACACTACGTACTCGTAGTGGAAAAATCTATAGGTGCTAAGGT 5205  
QY 870 AGATTATGCTGCTGAAGCCCACTGCAGGTGGTGCCTACTTTTAGCCAAAATAATGTAAATAT 929  
Db 5206 ACATTATTTATGATTTAAGTACTATTTCATCTCGCAGAAGAATAAGAAATTACAACTAT 5265  
QY 930 TGCATGCCCTGATGGTACTGCAATTCCTAGTGGAGCAACTAATTTATGTAAATATTATAAAC 989  
Db 5266 AACACCTTCTACATATACTACCCTTCACATGCAGCCTCACCTACTTCTATTAAATAATGG 5325  
QY 990 AGAATGCTAAATTTGCTGCTAACTTTTATTTTGGATGTAATAATTTCTAGGCAGGAAG 1049  
Db 5326 ATTATATGATATTTATGTCAGATGACTTTATTACAGATACTTCTACAACCCCGGTACCATC 5385  
QY 1050 TAGTAGATGCAAGCATGTCCAGCAATAAAGTTTAAAGCGCTGTAGCAACTGCAAGGTGG 1109  
Db 5386 TGTACCCCTCTACATCTTTTATCAGGTTATATTCCTGCAAAATACAACAATTCCTTTGGTGG 5445  
QY 1110 TACTGCTACTTTTAAATTTGCATAAATGTCCTTGA 1142  
Db 5446 TGCATACAATATTCCTTTTAGTATCAGGTCTCTGA 5478

Search completed: February 16, 2003, 23:45:29  
Job time : 140.091 secs

